

IN THE SPECIFICATION

Please amend paragraphs 0030, 0033, and 0042 of the specification of the above captioned patent application so they read as follows. The amendments are to correct a typographical and minor clerical error. No new matter has been added:

[0030] In one embodiment, resonator body 1 includes recess 12 on a bottom surface. Recess 12 shifts TM-mode spurious signals toward higher frequencies but does not have much effect on the dominant TE-modes. In one embodiment, a matching recess 15 is also formed in surface 22 of enclosure 20.

[0033] In operation, filter 100 filters a signal received at input connector 4 using dual-mode resonators 102-1 and 102-2. The signal couples from tap 5 to a first frequency mode of resonator body 1 of dual-mode resonator 102-1. Coupling grooves 10 and mode tuning members 8 cause the fields of the first and second mode to turn so as to couple the first and second modes. The frequency of signals passed by dual-mode resonator 102-1 is adjusted by frequency tuning members 7.

[0042] Angled portions 712 do not affect the dominant modes because their E-field has a half circular shape in this resonator. However, angled portions 712 shift the TM_{01} -mode towards a higher frequency. This spurious TM_{01} -mode can cause problems in the filter, even though there can be other spurious modes at lower frequency. The TM_{01} is more of a problem because it has much stronger coupling than other modes.